

FIG. 1

10 ↘

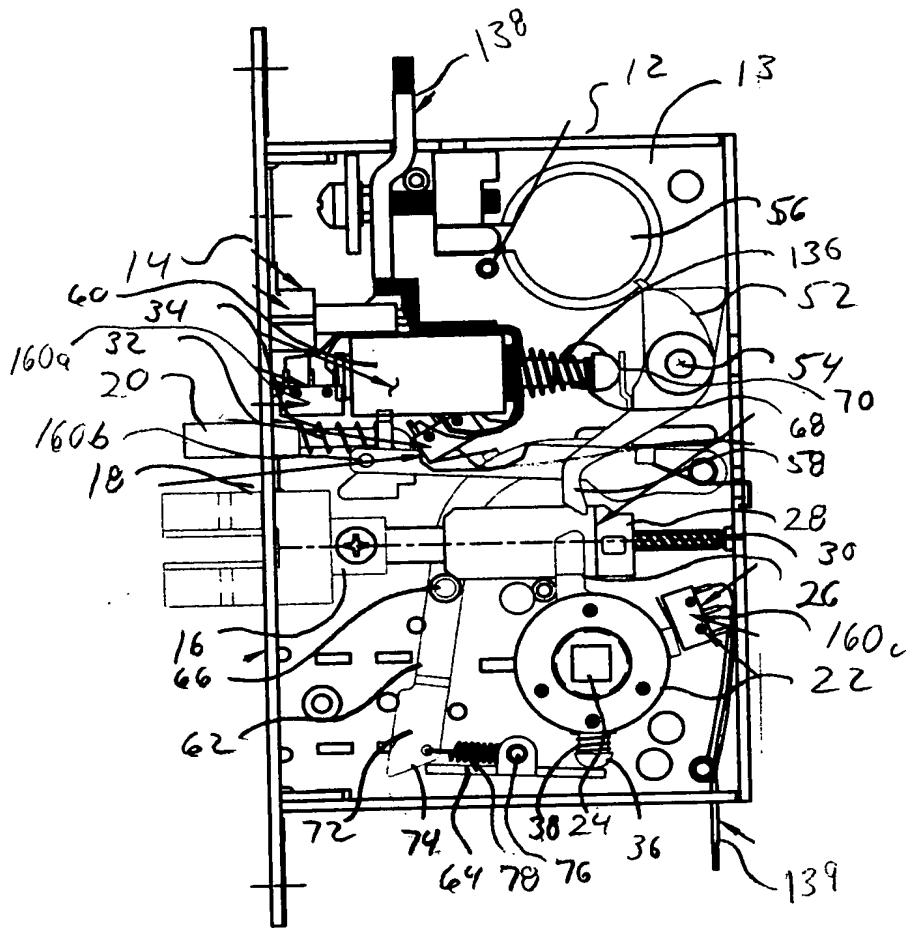


FIG. 2

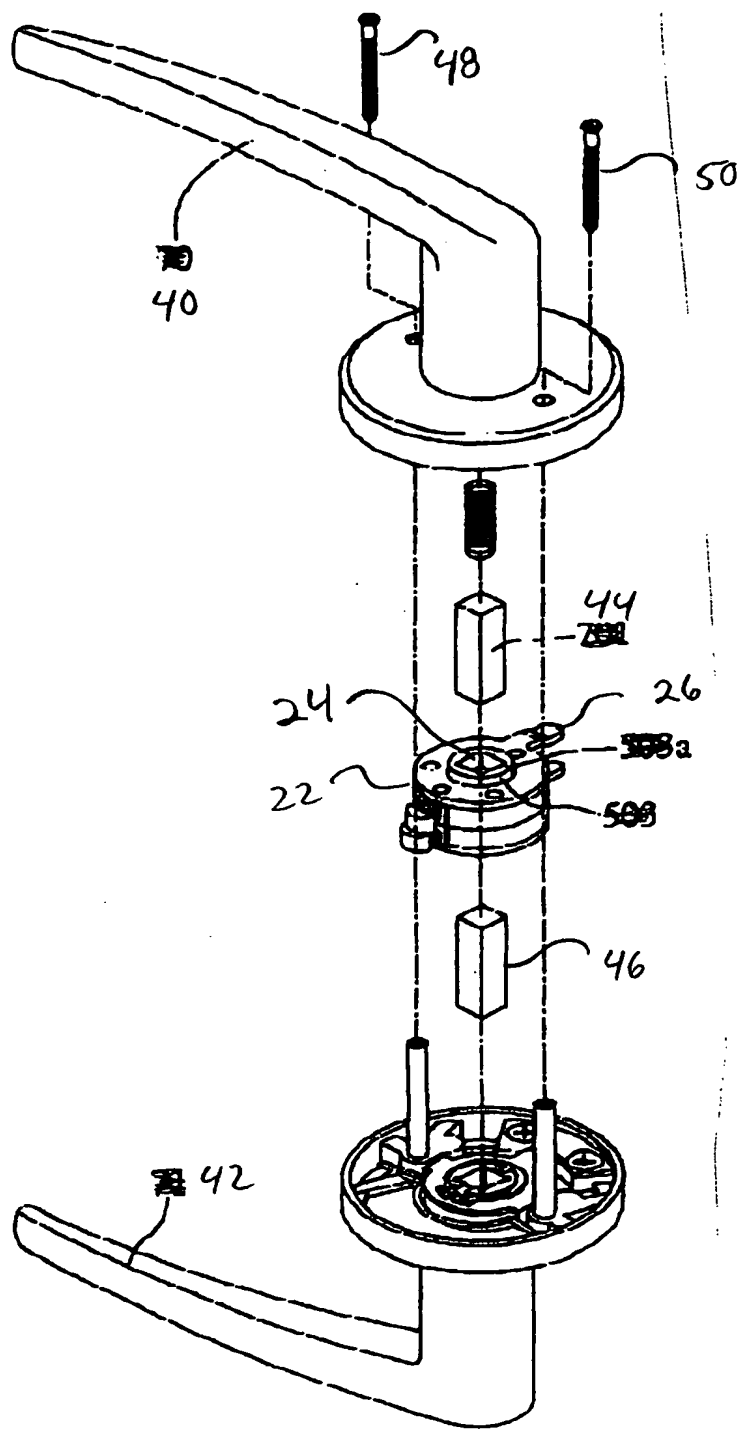
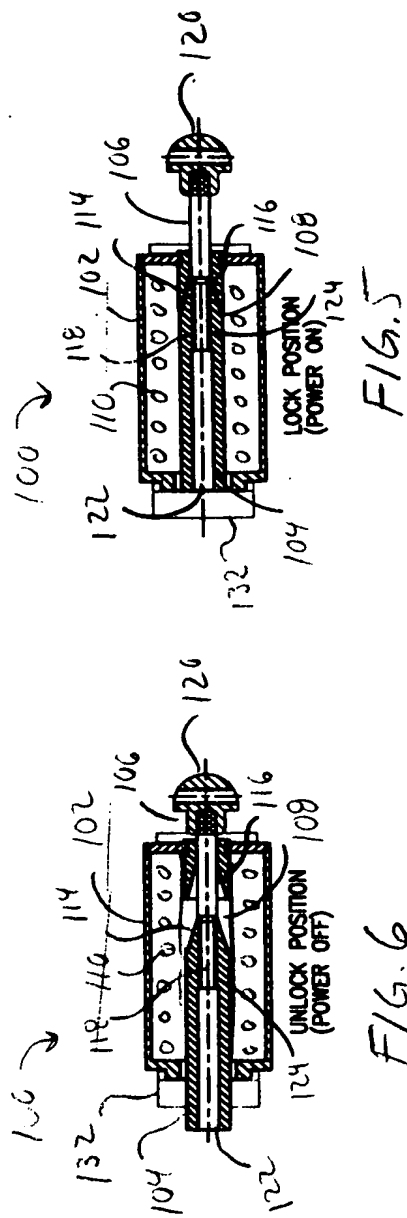
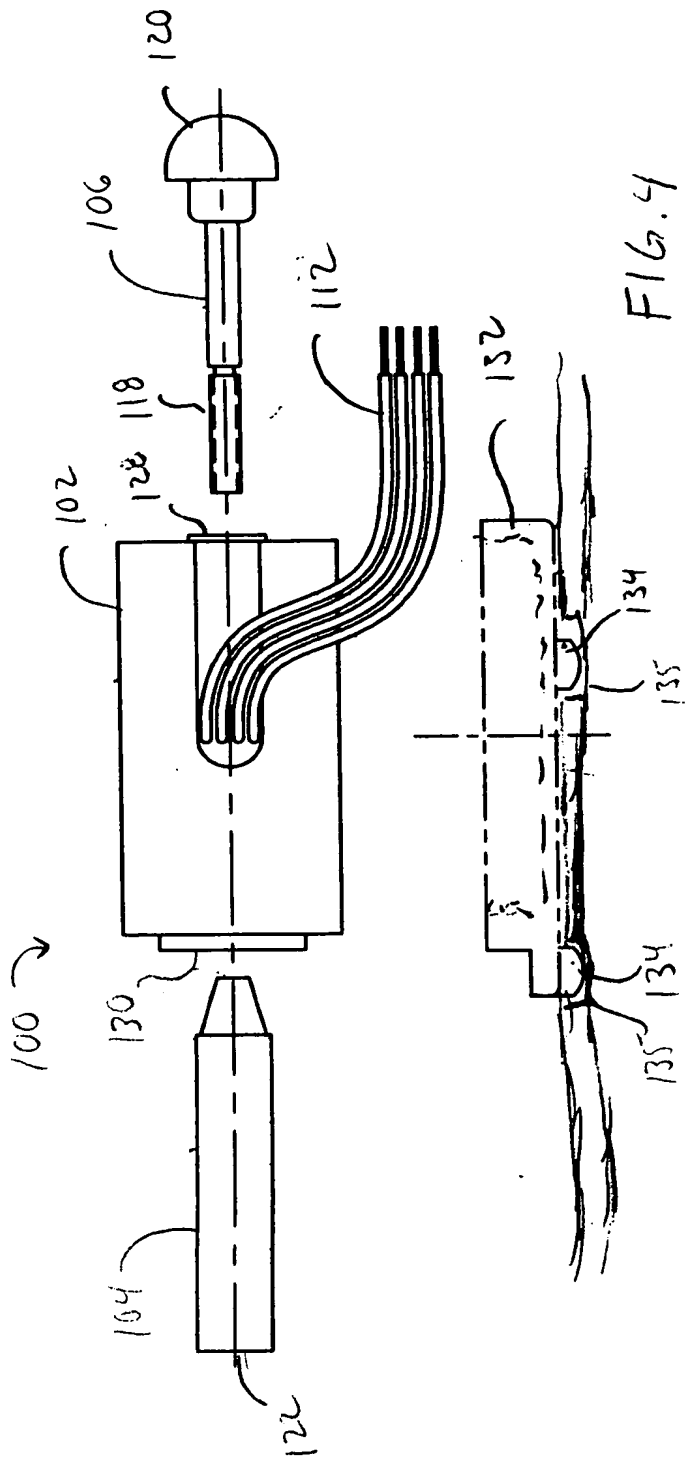
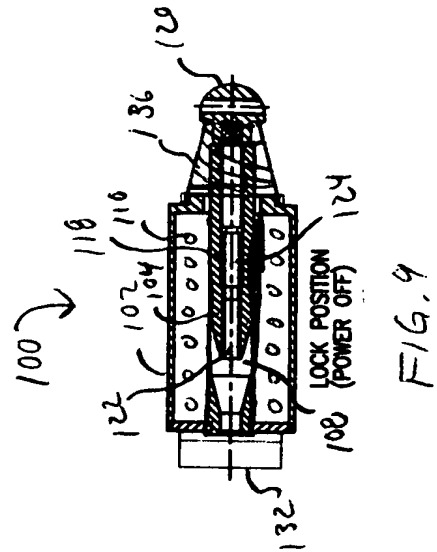
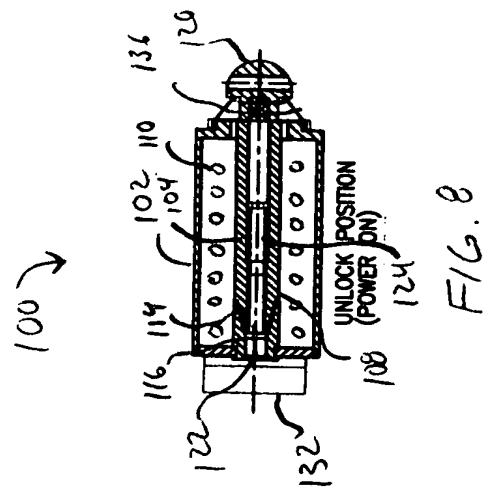
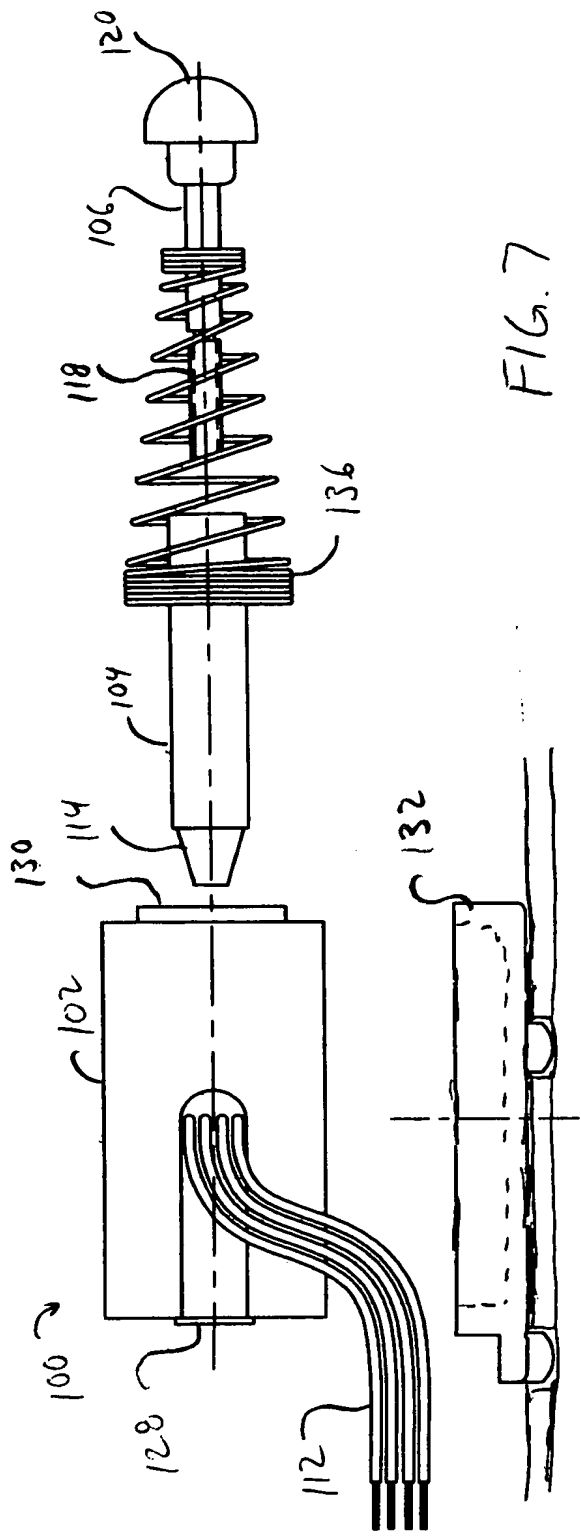


FIG. 3





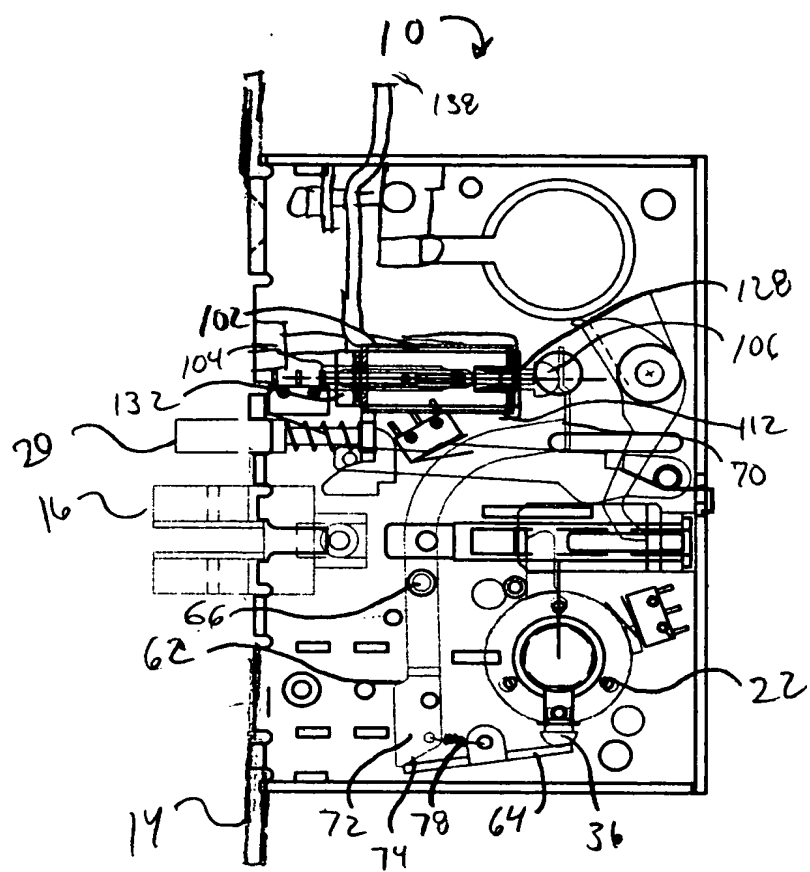


FIG. 10

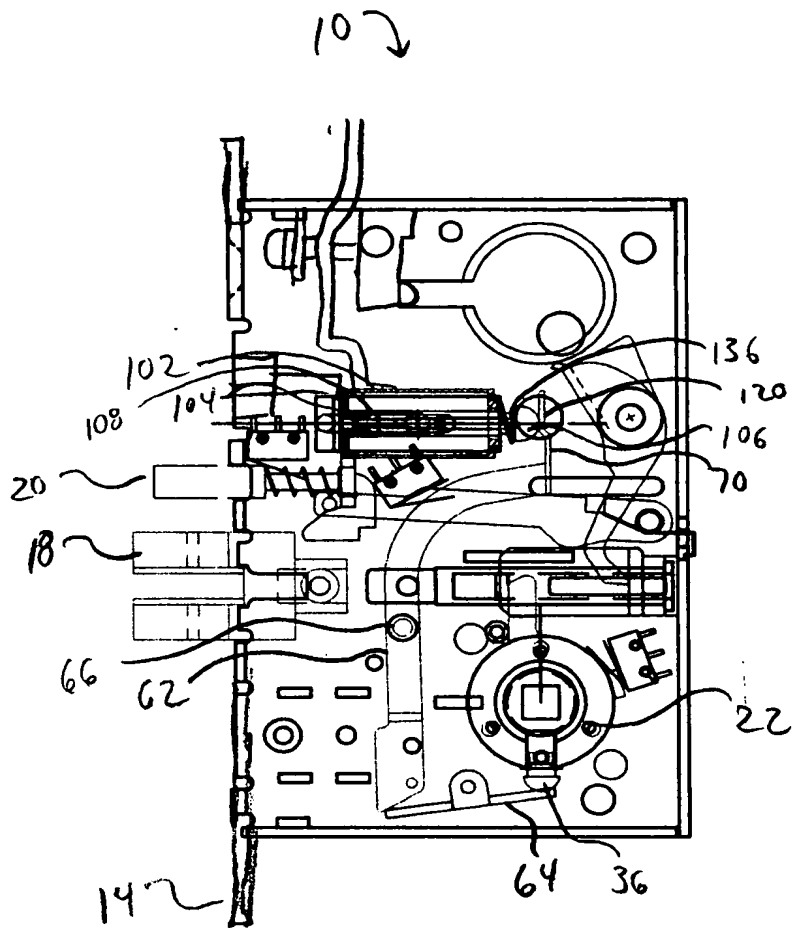


FIG. 11

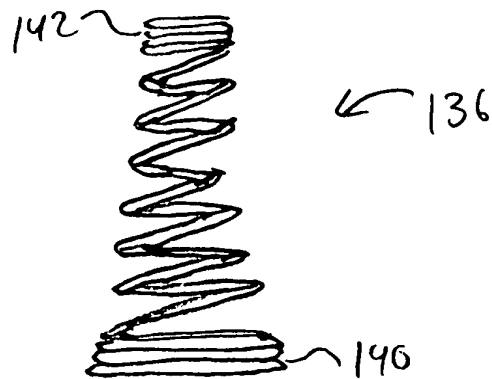


FIG. 12

150

LOAD LBS	HELICAL SPRING	CONICAL SPRING
0	1.12	1.12
0.05	1.06	1.01
0.1	1.02	0.89
0.15	0.96	0.77
0.2	0.9	0.66
0.25	0.84	0.5
0.3	0.78	0.53
0.35	0.72	0.47
0.4	0.65	0.42
0.45	0.59	0.38
0.5	0.54	
0.55	0.47	
0.6	0.41	

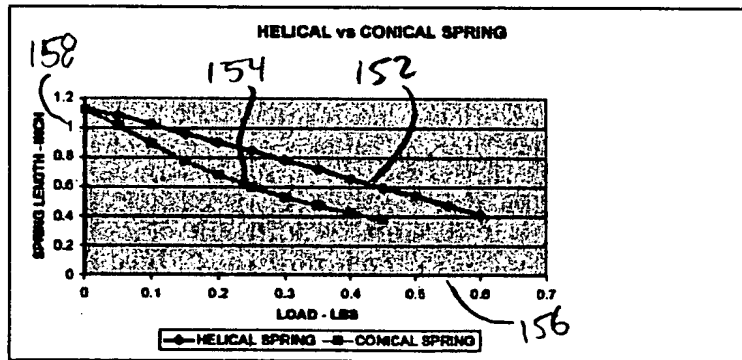
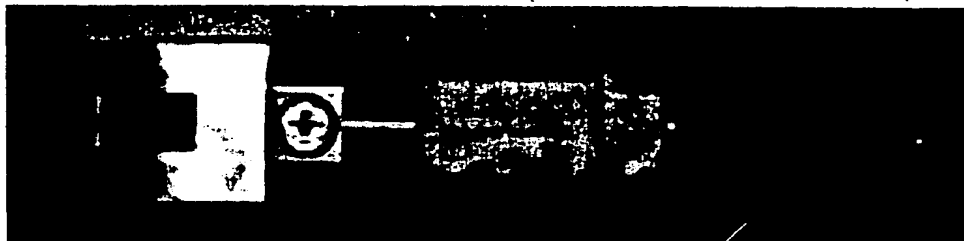


FIG. 13

16



160

FIG. 14

160

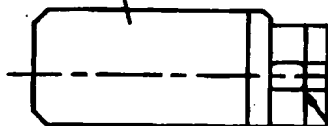


FIG. 15